



**Matthew Rodriquez**  
Secretary for  
Environmental Protection

# California Regional Water Quality Control Board

## Santa Ana Region

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3737 Main Street, Suite 500, Riverside, California 92501-3348  
Phone (951) 782-4130 • FAX (951) 781-6288  
[www.waterboards.ca.gov/santaana](http://www.waterboards.ca.gov/santaana)



**Edmund G. Brown Jr.**  
Governor

**TO:** File: Gerben Hettinga  
GH Dairy #1

Ex. 6 Personal Privacy (PP)

**FROM:** Edward Kashak  
Engineering Geologist, Dairy Unit  
**SANTA ANA REGIONAL WATER QUALITY CONTROL BOARD**

**DATE:** May 30, 2013

**SUBJECT: WATERSHED FLOW PATTERN FROM GH DAIRY #1 TO SANTA ANA RIVER**

Dairies located within the Chino Basin are currently regulated under the General Dairy Permit, Order no. R8-2007-0001 (General Permit). The General Permit requires dairies, in part, to design, construct and maintain containment structures to retain all washwater within the facility including precipitation from a 25-year, 24 hour rainfall event. If precipitation exceeds this 25-year storm event, the dairy is allowed to have an overflow from a spillway (weir) and discharge off-site. Based on a historic monitoring and sampling program, and storm event reconnaissance, Regional Board staff has determined that an overflow from the spillway of the referenced facility will follow the water course described below.

Flow south for approximately 250 feet and enter the Grove Channel at Chino Airport. Flow in the Grove Channel under Chino Airport for about 3,990 feet and outfall into the exposed Grove Channel just north of Kimball Avenue. Continue to flow southwesterly in the Grove Channel for about 11,170 feet and enter the Prado Park Lake. From Prado Park Lake, water overflows a spillway at the southern end and flows into Chino Creek. Chino Creek flows into Prado Basin which drains directly into the Santa Ana River at the southwest end of Prado Basin at Prado Dam.

*California Environmental Protection Agency*

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